



OREGON TUALATIN VALLEY



SEPT. 1985

AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

EDITOR: AL BERG WB7SIC

Membership: 248

CIRCULATION: 280

President:	Geno Buell	KA7KBH	Trustee:	Linda Cereghino	N7CZY
Vice-Pres:	Hanford Van Ness	KE7BB	Trustee:	Terry Biggs	WB7CHK
Secretary:	Jeff Freedman	K7JF	Trustee:	Al Berg	WB7SIC
Treasurer:	Randy Stimson	K27T	Trustee:	Greg Milnes	W7AGQ
			Trustee:	Dave Parker	W7LJN

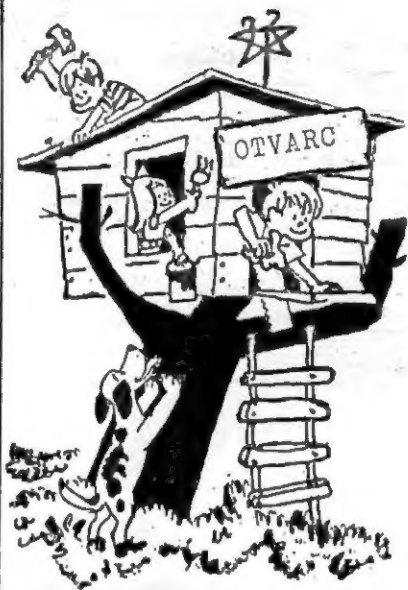
MEETING: 2nd WEDNESDAY BEAVERTON ELKS AT 7:00 p.m. (Dinner at 6:30 p.m.)

MEETING PROGRAM: COMPLETE PROGRAM DETAILS CAN BE FOUND ON THE BACK PAGE.



ONE OF THE RECENT NEWSLETTER FOLD, STAPLE AND MUTILATE CREWS. MANY THANKS TO THOSE OF YOU WHO HAVE CONTRIBUTED. WANT TO HELP? GIVE A CALL.....

MEETING PROGRAM



This months interesting and entertaining program will be put on by an officer from the Coast Guard Cutter GLACIER. The officer will describe some of the exciting missions the ship has undertaken and, best of all, he will be showing slides of a recent trip to the antarctic where they were to stay from October thru April of 1985. He will have a number of slides of some ports of call the ship and crew visited along with plenty of scenes of same. Most of which were taken in ports on the coast of South America. This should be a 10! CU there and don't forget to join us for dinner..

ALMOST FORGOT: A little late but ladies in shorts and men wearing hats are taboo at the Elks. Pse, react accordingly. No shorts and doff the cap!

Congratulations to Bob Orr, KB7CC, for his recent appointment as the Oregon section ARRL Affiliated Club Co-ordinator. Until recently, Barry Carlson, WB7WTD, held the position. Bob will be good at continuing the strong support the Oregon ham clubs give the League. We wish you the best Bob.

DUES REDUCED FOR YOUNG LEAGUE MEMBERS

Hartford, July 1985 — the ARRL Board of Directors stepped up its efforts to make it easier than ever before for young people to get in on mainstream Amateur Radio action by voting reduced membership costs for many hams under 18.

Know of any hams who are age 17 or younger and are the oldest licensed amateurs in their families? Please pass

the word along that ARRL membership dues rates for Full Members have been reduced for ages 13 through 17 to \$12.50 (\$17.50 U.S. funds in Canada), and for those 12 and younger the rate is only \$6.25 (\$11.25 U.S. funds in Canada). Prospective members meeting these qualifications must supply proof of their age (statement from a parent or guardian will do) and also provide a list of all licensed amateurs who are members of their family (defined as a mother, father, husband, wife and siblings). Such memberships or renewals must be made directly to Headquarters and not through affiliated clubs. Help encourage young amateurs to become League members. Spread the word!

WHO TO CALL FOR WHAT

*PUBLIC SERVICE	Randy Stimson	KZ7T	297-1175
*CLUB CONTESTS	Bud Butterfield	KC7PS	649-1523
*PROJECT NITE	Jeff Freedman	K7JF	297-7965
*TECHNICAL	Terry Biggs	WB7CHK	648-3687
*CLUB RAFFLE	Dee Lynch	KA7NPN	646-4580
*MEETING PROGRAMS	Jim Ziegler	KA7TAC	246-2539
*CLUB SOCIALS	Hanford Van Ness	KE7BB	246-7975
*EMERGENCY SERVICE	Paul Lucas	WB6SHR	641-8713
*TRAINING (classes)	Willis Raines	N7DZR	292-1656
*WELCOMING	Randy Cobb	KA7HJT	649-5066
*PUBLIC RELATIONS	Doug Bull	N7CDI	649-4540
CLUB JACKETS	Randy Stimson	KZ7T	297-1175
CLUB BADGES	Kathryn Andrews	KA7UMB	629-5676
ROSTER CHANGES	Jeff Freedman	K7JF	297-7965
ARRG INFORMATION	Warren Winner	W7JDT	644-0752
CLUB SCRAPBOOK	Doc Miller	KA7BSD	
ARRL MEMBERSHIP	Randy Stimson	KZ7T	297-1175
ARRL LEGAL COUNSEL	Stan Weinstein	KX7Y	635-6883
CONVENTION (Oregon)	Al Berg	WB7SIC	640-5456
NEWSLETTER			
ARRL LIAISON			

* (indicates committee)

CLUB ARRL APPOINTEES

ARES District Emergency Co-ordinator	KZ7T	297-1175
ARES Washington County Co-ordinator	N7GMS	246-5007
ARRL 1988 National Convention Chm.	WB7SIC	640-5456
ARRL Assistant Technical Co-ordinator	K7WWG	649-3295
ARRL Affiliated Club Co-ordinator	KB7CC	297-2732

AN ENAMELED STORY

Not too many people know this but Wally, KC7TB, is a painter. One day he figured out a way to save money by mixing paint and water. Came a day, after making a big profit by painting the house of a widow, he felt bad and decided he would quit painting. When asked why he felt this way he said, "last night an angel stood by my bed and said, 'Repaint, you thinner'."

Wally is a good sport and a straight shooter. Need your house painted? Give him a call. QUALITY IS #1.....



PIG OUT AT THE ELKS.
CU AT THE MEETING...



12-12 Worldwide

12-12 Worldwide is now active on 12 meters. It is a non-profit entity for promoting activity and, most important, good operating practices on the new 12 meter band.

12-12 Worldwide is also working on getting new countries on the band and other activities of interest to 12 meter amateurs.

Charter membership will be available for the first 12 months after band opening (until the end of June 1986). The station must make an on-the-air contact with a 12-12 director or an official membership station. After the first 12 months, stations will need to contact 12 members before requesting their lifetime number.

During charter membership months, amateurs may get their number by joining 12-12, also.

Dues-paying members will receive a membership certificate and a quarterly newsletter starting in the fall of 1985. They will also be eligible to participate in receiving 12-12 awards.

The awards at this time are: Worked All States 12-12 and Worked 12 Countries. Other awards will follow.

Annual dues are \$4 per year. Send your dues and number request to: 12-12 Worldwide, Steve Walz, WA5UTO, Box 222, Cherokee, OK 73728; (405) 596-3487.

ICOM 245 with SB. Serial #3812 ODL on case. Judy at 771-4667

Yaesu FT208R. Serial #2K210462 Bob at 656-4554

Kenwood 7950 & MC46 mic. Serial #4050280. Call Portland Radio at 228-8647

ICOM 2AT. Serial #44650. Ron Gould, KD7RJ.

Yaesu FT290R all mode 2m rig. Serial #1H031820 + a Mirage B108 amp with remote control head. Win Tatro at 246-9865.

Kenwood TS130 and AT130 tuner. Inscribed with ND 0530200273. Call Portland Radio at 228-8647.

Yaesu 227R 2m rig and Motorola speaker. Name on inside and outside of case. Call Andy, WB7RKU, at 760-3873.

Kenwood TR7400 #640351-Z If you have info please call Brice Woodall at 239-4072. No further information is available on the gear.

ICOM 4AT with BP2 battery. SN 15502003. Lost on Mt. Hood ski lift. If found please call Don Webber at 981-7310 eves or 255-8634 days.

Kenwood TR2500. SN 4090053. Call Gary Ward at 295-6422 days or 761-9540 evenings.

Kenwood TR2400. SN 1070159. Has call letters and ODL # under belt clip. Call Larry Welding, KJ7U, at 666-2334.

Kenwood TM201A. SN 4040994. The owner is Richard Ellis, 2318 NE Minnihaha Street, Vancouver, WA. 98665. No phone! Call Port. Radio.

10-10 INTERNATIONAL

For membership in support of 10m send \$4.00 to:

Willie Madison

10512 W. Butler Drive

Peoria, Arizona 85345

Willie is the 7th Area 10X mgr.. Lots of awards & a newsletter!!

Forest Hills Blackpowder Brigade

p. o. box 155 Forest Grove Ore. 97116

August 18th, 1985

Ore. Tualatin Valley Amateur
Radio Club
Roy Nunley
P.O. Box 5132
Aloha, Ore. 97006

Dear Roy,

I have been requested, by our general membership, to write you and your club a letter of thanks for the excellent service that your club provided us at our "1985 Nehalem River Rendezvous". Many of the participating visitors made positive comments in regards to your presents. So, again I say, "thanks and a job well done"! Please share this letter and my clubs feelings with the other members of your organization.

Very truly yours,

Edward A. Croker
Edward A. Croker

Secretary FHPBP

STOLEN RADIO REPORT

We will keep this column going for a few more issues. If some of the other clubs pick up on it or if it shows some reported results it will be continued further. If not, we will consider it a waste of space and put in file 13!! The 'Stolen Report' has been put in only one other clubs 'letter' since it first appeared. Nobody cares ??



May 16, 1985

Roy A. Nunley
2329 SE Bush Street
Hillsboro, Oregon 97123

Dear Roy:

First, thank you so much for being an excellent pilot and communicator for our bike-a-thon last week.

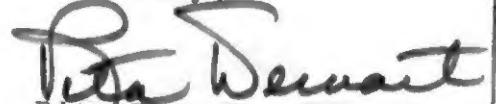
Secondly, we are very grateful to the amateur radio group for their help in making our bike-a-thon possible and successful. This also contributes a safety factor which is one of our biggest bonuses.

The expertise of your organization is something that our organization counts on and we would never want to attempt a project of this kind without your help. You are appreciated.

The money that we make from our statewide bike-a-thon is used for services to diabetics and their families and contributions to research to find a cure or a preventive.

Thank you and your wonderful group for helping.

Sincerely,


Rita Dewart
Executive Director



ARTQUAKE

ARTQUAKE IS HAPPENING AGAIN. THAT'S RIGHT FOLKS! A LOT OF PEOPLE ARE NEEDED FOR THIS ONE AND THERE ARE A FEW TIME SLOTS LEFT TO FILL. A NICE THING ABOUT THIS EVENT IS THAT YOU CAN ENJOY THE "QUAKE" WHILE HELPING.

JUST TOUR AROUND LIKE YOU CAME TO SEE WHAT IS OFFERED AND BE A REAL ASSET AT THE SAME TIME. ARTQUAKE RUNS FOR FOUR DAYS-SEPT. 19 THRU THE 22nd. THAT IS THURSDAY THRU SUNDAY. WES ALLEN, K7WWG, IS THE MAN TO CALL FOR ASSIGNMENTS. HIS PHONE NUMBER IS 649-3295. EVENINGS ONLY, PLEASE. BY THE WAY, IN CASE YOU ARE WONDERING WHAT WE DO, MOST OF OUR EFFORTS ARE IN LOOKING FOR LOST CHILDREN AND BELIEVE ME, THERE'S QUITE A FEW. ESPECIALLY DURING THE HEAVY HOURS OF ATTENDANCE. SOME OF YOU MOMS AND DADS KNOW HOW FAST A LITTLE ONE CAN SCOOT AWAY AND WHEN YOU ARE IN A SEA OF BODIES, THE SEARCH IS ON. HOPE TO SEE LOTS OF CLUB MEMBERS OUT IN THE CROWD. (shifts run four hours)

CU THERE..

LAST MINUTE STOLEN REPORT

Bob Riggle, N7CTY, was burglarized recently and lost a Kenwood HC-10 World Clock. The SN is 1070201. Bob offers a reward of \$25.00 to the finder. If any of the membership gets to a pawn shop on occasion they might keep an eye peeled. Call 357-5448.

902-928 MHz BAND IS OURS

Acting on PR Docket 84-960, FCC has announced the availability of 902-928 MHz for use by all radio amateurs holding Technician Class licenses and above, effective 0001 UTC September 28, 1985. Amateur use of the new band must be on a secondary, non-interference basis. Emission types NØN, A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2B, F3E, G3E, F3C, F3F, F8E and PØN have been authorized. In a related action, FCC restricted use of the 902-928 MHz band at the White Sands

Missile Range. Amateur use of the band is prohibited inside the range, and use for 150 miles outside the range is restricted to a maximum transmitter peak envelope power output of 50 watts.

An interim bandplan for 902-928 MHz was adopted by the ARRL Board of Directors in October 1984. It appears on page 20 of the 1985-86 edition of the Repeater Directory. More on this side of the 902 MHz story in the next ARRL Letter.

420-430 MHz AXED ABOVE LINE A

In further action on PR Docket 84-960, effective 0001 UTC September 28, 1985, FCC has removed the segment 420-430 MHz from the Amateur Radio Service north of Line A. (Line A begins at Aberdeen, WA, runs through the southernmost point of Duluth, MN, continues through the Great Lakes

region to the southernmost point of Bangor, ME, and terminates at the southernmost point of Searsport, ME.) This was done to protect Canadian Fixed and Mobile operation in this band. More background information appeared in QST's "Happenings," December, 1984.

NORTHWEST AMATEUR RADIO COUNCIL

Volunteer Examiners Committee

Portland, Oregon

is sponsoring Amateur Radio License Exams for Technician, General, Advanced and Extra at Portland Community College (Sylvania Campus) in the Science Technology (Bldg ST), at 12000 SW 49th, Portland, Oregon. Exams will be held the FIRST SATURDAY OF EVERY MONTH!

TO REGISTER:

1. Complete FCC Form 610 (be sure to indicate the highest Class of License you will be attempting!)
2. Attach a copy of your Amateur Radio License (if applicable).
3. Make a check or Money Order for four (4) dollars payable to ARRL/VEC.
4. Mail all three of these to:

Randy Cobb/VE Exams

P.O. Box 5097

Aloha, Oregon 97006

5. DEADLINE - Registrations must be received 30 days prior to taking the Exam.

FOR ADDITIONAL INFORMATION:

VE Committee Members:

Armand, WA7IIM 760-2140

Ralph, WB7VGS 649-5845

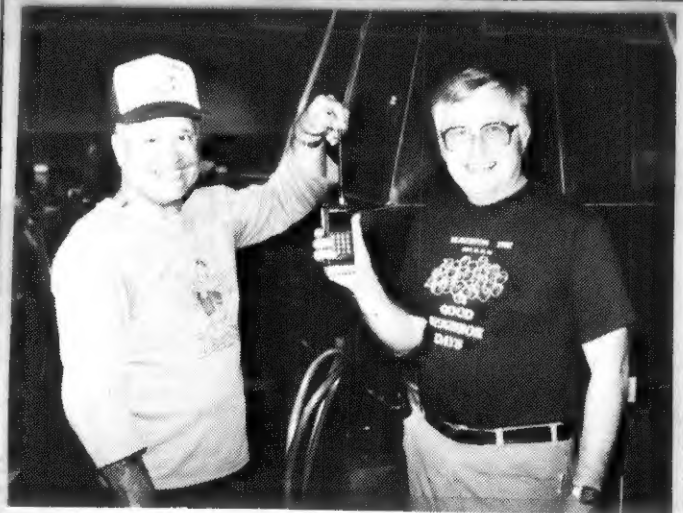
Dea, KX7T 632-4734

Lea, AL7W 777-1032

Joan, KD7YB 838-5159

Tom, KV7Y 254-8086

Rozy, KA7CED FCC Contact Liaison 255-0739



Doc, KA7BSD, is giving Bert, W7JWG, the TH21AT that Bert won by doing a security stint at the convention. All security people got a ticket for each shift pulled and Bert was lucky as he did one shift. Some did three, four or more. Have fun with the new HT Bert! Are we going to do it again next year? YOU BET! When the signup schedule is posted, get out your pencil and get in on a chance to win a valuable prize..



MORE HOT DOG SCENES



SPAGETTI IS STILL COOKIN



RANDY AND NORMA ON 40 METERS



FIRESIDE TALL STORIES



FROM
THIS
IS
WHERE
IT
SHOULD
BE



Plans which appear to be going too well are disasters in the making.

NEW MEMBERS-UPSY GRADES-CALL CHANGES ETC.



August was our lowest month of the year regarding new members but we did manage to get ONE. Welcome to Bill McKinney, WDØGQU who is a resident of Aloha. Bill is a software engineer by trade. Can't give anymore info than that as it wasn't given. Whoops! The wife of our new member is a ham. Her name is Laura and the call is KAØQVF. Maybe she will bug Bill into her own membership? Welcome aboard Bill. And Laura???

NEW HAMS: Joan VanDerzanden and Dave Dewey, I believe, were mentioned in a prior 'letter' regarding passing their novice tests. We now announce the calls which they were awarded. Joan got tagged with KA7VXC and Dave will be signing with KA7VJP. Congratulations to you both. Get on the air. The hams in 1,2, and 3 land need Oregon for WAS....

"A SMALL PROBLEM"

We are in a small transition stage regarding the newsletter. You may have noticed in last months rag that we lost a major advertiser. We have, again this month, faced the same situation. A large part of the postage cost to send out the newsletter is paid for by advertisers. If you have been in the dark as to mailing costs be informed that we have been spending just under \$100.00 a month!!!! Couple that with the cost of paper and keeping the copy machine in good order and you will see the need to cut our outgo. We need help in obtaining several new advertisers. If you can help please call Jim, KA7TAC or Jeff, KQ7I. They solicit advertisers for us.....

Don't let household current kill you

A lot of people who wouldn't go within 50 feet of a high voltage power line fearlessly play around with 120 volt household current without giving a thought to whether or not it is dangerous. It is and it can give you a deadly shock.

About 1,000 people are electrocuted every year in the United States, and here is how some of those accidents happen.

- A do-it-yourselfer using a defective electric drill in the basement is electrocuted when he touches a metal laundry tub.

- A woman whose basement was flooded wades in the water to reach her freezer. She is electrocuted when she touches the lid of a shorted electric freezer.

- A child dies when he plugs one end of the iron cord into the wall socket and the other one in his mouth.

- Two children die when a radio falls into the bathtub where they are taking a bath.

Actually it is not the number of volts that causes the shock, but the amount of current (amperage) that enters the body, how long the shock lasts and the path which the current follows.

One milliamperere passing through the skin causes a tingling sensation. Only 7-10mA can rob you of your muscular control so that you can't let go; 100mA can kill if the shock lasts for one second or longer.

Usually, the current passes through a hand and out of a foot, which may not be too bad. The real danger is when the current passes in one arm, through the chest area and out the other arm. When this occurs, the current can paralyze the

respiratory muscles, causing breathing to stop. Such paralysis may last even after the person is disconnected from the electrical source.

Also, the current can strike the heart, causing fibrillation and resulting in instant electrocution. The heart goes into unsynchronized fluttering, cutting off blood and oxygen circulation to body cells, including the brain.

Because of the way electricity works, low voltages, surprisingly can be more dangerous than high voltages. A heavier jolt can "clamp" the heart and prevent fibrillation. People have been known to recover from comparatively large jolts of electricity while a smaller amount, under certain conditions, can kill.

You can avoid electrical shock by using good electrical equipment, and by using common sense when you are using electricity.

—St. Charles ARC, MO

LONG DISTANCE 'FOR SALE'

TELETYPE MODEL 40/2. A commercial ASCII terminal. Compatible with any BBS, Compu-Serve, Easy-Link, MCI-Mail, etc. TELEX or TWX terminal with remote control. 110-9600 baud. Prints 300 lines per minute (chain printing). With 2 keyboards (1 is spare), 2 CRT's (both operating), 2 printers (both operating), controller, hubber, mag tape system with 150,000 character cartridge serial storage. Many instruction manuals, drawings & prints. Spare print chain, extra mag tape cartridges, plus other items. Compatible with any Bell modem such as 202, 212, etc. Original cost over \$20,000 selling for \$750.00. You furnish the modem & it's ready to run!! GIB, W7JIE 206-226-4222 evenings. 2r write 1215 N 28 Pl., Renton, Wash. 98056

YUK YUK

A Boy Scout, coming home one day was asked by his father, "What good turn did you do today?". He answered, "Three of us helped an old lady across the street." "Why three of you," asked his dad and the boy said, "The old lady didn't want to go."



COMPUTER vs IGNORANT

(a title bout)

This will be my first attempt at using the new club newsletter computer. Thanks to the hard work done by many at the convention, we came up with enough extra \$\$ to buy a Kay-Pro computer and a Panasonic printer. The processor program is by Wordstar and the typing is by ignorant! I

have never touched a computer before. That is, of course, excluding digital watches and Atari game playing. So! This should be an interesting undertaking for ye old ed. I have already discovered that we will save a bundle on white out and correction ribbon. It is not intended, at this time, to SAVE any of the gibberish that goes on with the computer so disk costs will be minimal. It appears that the difficult part of using this 'thing' will be in working around the little one liners and various cartoons and pictures that seem to be popular. NOTHING so dull as to see a "letter" full of print and no change of any kind from page to page. This means that it will be necessary to hang on to the old Olivetti so that when things get difficult there will be a quick alternative writing method. Quite surely there are many of our members who have mastered computers and word processing so all of this means little but for those of you who were (are) like me, believe me, it doesn't take long to develop some pet names for a machine that can make a fool out of you. None of which you would repeat in public! Anyway, at this point in time, the typewriter is MUCH faster. If a class at PCC becomes necessary I will finance it myself in hopes to take advantage of all the wonderful features of this "thing". The whole idea is to save TIME! Right now my comment is \$\$\$&.

How to pass a multiple choice test

Lee Price, K6PHT

How much do you need to know to pass multiple choice tests? Less than you might expect! You can "psych out" a multiple choice test by means of a few common sense rules. You must prepare yourself in at least three ways:

1. **PHYSICALLY.** Don't spend a lot of hours before the examination trying to cram all night and arrive exhausted at the examination. Get a good night's rest.

2. **MENTALLY.** Relax at the time of the examination. Remember that you need only 75 percent to pass. Also, remember there is another time coming. Treat the exam as a learning experience. You are taking it to see what it is like.

3. **STUDYING FOR THE TEST.** Use more than one source of study material and be sure it is up to date. No two authors express an idea in the same way. Buy good materials to study. Class study adds interest and motivation.

In taking the exam, don't read anything into the question that isn't there. First read the question while covering up the multiple choice answers. Ask yourself, "What is the question saying?"

Then read the question again very carefully in conjunction with each of the multiple choice answers. In particular, watch out for expressions such as "not true", "not false", "incorrect", etc. Do not be too quick to pick an answer which is partly correct. Even though some answers may not be wrong, the proper answer is the one which is the most complete and the most nearly correct.

Go through the examination carefully and answer only the questions which are obvious to you. Remember that you have plenty of time. As you go through the questions, you will find things that may help straighten out your thinking on the questions you skipped. If you let it simmer while you go on to another question, the computer in your sub-conscious will work on it and the answer will come. If you fatigue yourself at the beginning on difficult questions, you could suffer more wrong answers on other easier questions. Think on your scratch paper rather than in your head. It's more accurate. Double check to be sure that you have marked the answer sheet correctly. When you skip difficult questions, be sure to skip the corresponding spaces on the answer sheet. Be sure the number of the question corresponds to the number on the answer sheet. Answer every question, even if you have to guess. If you can discard choices that are obviously wrong, you have improved your chances of guessing correctly.

Don't be afraid of failing. Taking the test didn't cost much. You can hit it again in 30 days. You might even get the same questions next time. Make notes right after the exam of things you observed and what bothered you. Don't wait. Take the test again as soon as you can. Get someone to go with you. You would be surprised at the number of people who take the exam with a friend for the fun of it or on a dare, and end up with a new license!

73, and good luck!
—Simi Settlers ARC

REPEATER POINTS

- If you can't think of anything worth saying, don't say anything.
- If you like to hear your own voice what you want is a tape recorder, not an FM rig.
- Leave the repeaters available for those who need them. Use simplex whenever possible.
- Don't break into a contact unless you have something to add. Interrupting is no more polite on the air than it is in person.
- Don't try to prove what a great operator you are by criticizing the operating techniques of others on the air.
- Don't monopolize a repeater. The best repeater users are the ones who do a lot of listening and little transmitting.
- Don't forget what you say over a repeater can be heard... by anyone an inexpensive public safety monitor.



ACTIVITIES

FIELD DAY--CHRISTMAS PARTY--CLUB CAMPOUT--RUSTY KEY--DINE-OUT
HAPPY HOUR CONTEST--OTVARC BREAKFAST--10m CONTEST--CLASSES--
CONVENTION--PROJECT NITE--PUBLIC SERVICE EVENTS--PROGRAMS & MORE

On volunteering

The Amateur Radio Service depends on volunteers for all our attempts to promote our hobby and provide a public service. Nobody has ever paid any of us for the hours of free labor to this club and its hobby. Volunteering is a lovingly cherished tradition, a tradition which, if it did not exist would signal an end to our hobby, as we know it.

Dr. Tom Comstock, N5TC, Vice Director of the West Gulf Division of the ARRL, addressed the issue of Volunteering in a recent issue of the *Field Forum*, a League newsletter distributed to ARRL volunteers throughout the USA. He asserts that recent research has concluded that:

1) A leader's expectations and the way volunteers are treated directly determines how those volunteers perform.

2) People work more effectively and productively if they are treated with respect, concern and interest.

3) If a leader sets feasible high performance standards, volunteers generally will meet or exceed them. In other words, it is essential that clear objectives be set.

To quote Dr. Comstock, "Some people are like wheelbarrows, they have to be pushed. Some are like kites, they will fly away if you don't put a string on them. Others are like footballs, you never know which way they will bounce. Some are like

trailers, they have to be pulled. Still others are like balloons, always ready to blow up."

As a general rule, volunteers are best handled in that grey area somewhere between the democratic and participative styles of leadership (leaning in the direction of participative). That's because most amateurs are highly individualistic.

When volunteers are used, they should be made to feel that their services are worthwhile and appreciated. Nothing is more frustrating than to volunteer for a public service event and get there to waste time in an unimportant capacity. Or worse, do important work and not feel appreciated.

Here's a funny from the
Edmonton, Alberta
99'er Computer Users' Society

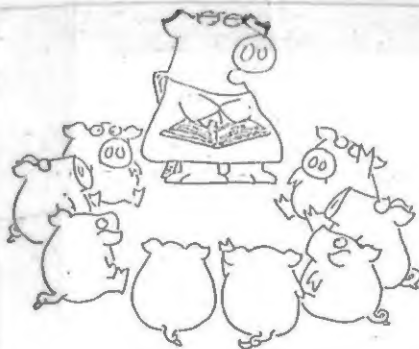
The world's greatest computer was powered up for the first time last week. It is so powerful that four CRAY computers are used just to input data into it! The memory is so large that all of man's accumulated knowledge is stored in just 10 percent of the available space. Of course, speech recognition and speech are just two of its many features.

After powering up the beast and testing it out, the white jacketed compu-wizards proudly announced that the machine was ready for its first question. Immediately, great arguments arose over the suitability of the various questions that were posed. Some wanted to present mathematical theorems for validation, while others

wanted to test the latest video game for the ultimate thrill. Finally, in the midst of all the hub-bub, the janitor quietly slipped up to the main console and, taking the input microphone into his hands, he calmly asked the ULTIMATE QUESTION that has plagued mankind since the dawn of history: "Is there a God", he asked?

There was a moment of stunned silence in the crowd of reporters and scientists. Of course! Why hadn't they thought of that? The computer calmly spun disks and blinked its lights for a few moments and then suddenly the room was plunged into darkness and a deep voice boomed, "There is NOW!"

(tnks PARC)



HAM Classes

WHERE

CEDAR PARK JUNIOR HIGH SCHOOL. OFF CEDAR HILLS BLVD. IN BEAVERTON

COURSES OFFERED

NOVICE---TECH/GENERAL---ADVANCED---EXTRA---ALL CODE LEVELS

WHEN

STUDY CLASSES BEGIN MONDAY SEPTEMBER 23 AT 7:00 pm
CODE CLASSES BEGIN TUESDAY SEPTEMBER 24 AT 7:00 pm
(class duration: 10 weeks-one session per week)

REGISTRATION

PRE-CLASS SIGN UP CAN BE MADE THROUGH THE PCC
ROCK CREEK CAMPUS OR AT THE CLASS SITE. FOR
ADDITIONAL INFORMATION CALL RANDY COBB, KA7HJT
AT 649-5066

These classes are sponsored by the Portland Community College and the Oregon Tualatin Valley Amateur Radio Club.

GOT SOMETHING To Sell?

Let us
give you
a hand



CLASSIFIED ADS

FREE!

FOR SALE: CONSET 101 amplifier - uses four 811A's, 800 watt output on SSB, PLUS extra set of NEW final and rectifier tubes.

All the above for only \$195.00

Call Don N7DDK at 357-6638

FOR SALE: WHEELS AND TIRES. (4) New Appliance chrome modular rims (4 lug) mounted on BF Goodrich radial T/A tires. (95% tread) \$285.00. Jon, WB7VWX at 640-5456.

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N NORVAC ELECTRONICS

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(503) 644-1025 BEAVERTON, OREGON 97005

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WIRE
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PANEL METERS
FANS
TEST INSTRUMENTATION
TUBES
HANDTOOLS
TOOL CASES
TUBING
FUSES
BATTERIES
POWER SUPPLIES
LAMPS
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PUBLIC SERVICE REPORT

August had one of my more interesting Public Service events - The Hood To Coast Relay. For me it lasted for 30 hours with a three-hour break for sleep.

There were 240 teams each of eleven people and each team was allowed two support vehicles but no mobile homes. The race started at Timberline Lodge at 9PM on Friday, August 2 and ended 172 miles away at Pacific City on Saturday evening. The teams had staggered starts over five hours with the slower teams starting first and it was basically a traffic jam moving to the coast.

It all started badly when one of our volunteers informed me he wouldn't be able to participate as I was driving up to Timberline. Needless to say panic set in, but I made two phone calls and found W7VBH, Joe, would help us. Thank heavens there are some people that you can count on. I drove back to Sandy to meet Joe and took him to checkpoint 6 in the mountains and he stayed there until 4:30 in the morning.

We had hams with the lead official and hams along the route to handle any problems such as an emergency, people not in the right place, etc.

The most important part was the hams at the finish. We gave the finish officials the team numbers two miles before the finish which enabled them to find the team name and compute their standing before they reached the finish line.

Speaking of team names, how about "Vintage Collection", "Buns to the Beach", "Turbo Boosters", "Lemming Express", "Tear Along the Dotted Line", "Zippendales" and "Run Hard-Put Away Wet".

Thanks go to KA5OLH, Rick; N7GFK, Randy; KA7RFD, Lorna; W7FBP, Dale; W7JWG, Bert; N7CPA, Tom; KE7HS, Mike; N7ECP, Nick; W7VBH, Joe; WA6KLA, Neil; WA7AWJ, Randall; WB7FJC, Janet; NI7M, Bruce and KZ7T, Randy.

The March of Dimes Bike-a-thon was the next event held in the Beaverton area on August 11. Another little interesting story about this race. At the club meeting, AJ7J, Roger, offered to help. Somehow I lost my note and forgot he offered. A week before the race Roger called to find out why I hadn't called him and I had to confess I had forgotten. The point is that he was thoughtful enough to call rather than to hope that he wouldn't be called. Thank you Roger and thanks also to KA7KBH, Geno; KA7RFD, Lorna; NI7M, Bruce; N7DUJ, Roy; KC7PS, Bud; KE7HS, Mike and KZ7T, Randy.

KZ7T

NOVICES: MAKING MORE NOISE?

It appears that Novices will be obtaining voice privileges sometime in the near future. The FCC told me this past week that they are indeed working on rule making looking toward that end... "although it is too soon to tell just what form Novice class enhancement will take..."

The League, of course, has already filed a petition supporting ten meter, and 220 and 1246 MHz Novice voice bands. It joins other

petitions seeking to enhance the Novice Class.

"The comments are still jelling on this matter," the FCC said. "We will be putting something out on this around the end of the calendar year depending on how long it takes us to determine just what the consensus seems to be."

The ARRL's position is important to the FCC since the Commission considers it to also represent the position of the amateur community. The thinking behind enhanced Novice privileges is multi-purpose.

(1.) - Telephony privileges will make the entry level more attractive for newcomers... (Beginners, particularly those coming from the Citizens Band, are less than excited about being restricted to Morse Code only.)

(2.) - ...will add new growth to the amateur radio service. (Competing services think amateurs have more spectrum than they need or use.)

(3.) - and will help protect frequencies (such as the 220-MHz band) from spectrum raids by other services... (particularly the Land Mobile Service.)

W5YI



SOLAR PANEL GETTING A TAN



IT'S NOT READY YET JACK



THE SPAGETTI IS COOKIN



FDS' FRIDAY NIGHT WENIE ROAST



JEFF LEARNED TO SLEEP WITH OPEN EYES



LOOKS LIKE DAVE HAD HIS FILL OF "DOGS"



AN INCREDIBLE OPPORTUNITY

Beaverton Good Neighbor Days is scheduled for September 20, 21 and 22 at Schiffler Park and OTVARC will be having a booth. We will be operating both HF and 2-meter gear and giving out informational literature about ham radio.

The fair starts at 6PM Friday, and our booth must be set up prior to that time, and runs until 11PM that night, from 11AM to 11PM on Saturday and 11AM to 6PM on Sunday. We need volunteers to help set up, man the booth and operators. If you are able to assist even for a couple of hours, please call me at 297-1175.

Other attractions include a parade, pancake breakfast, concerts, mutt show, antique truck show and a chili cook off.

Also the same weekend, Sept. 19-22 is Art Quake. We are not sure yet whether we will be needed, but if you can help, please call Wes, K7WWG, at 649-3295.

KZ7T



When the above article arrived by mail it was titled 'Public Service' and I took the liberty of changing it. It should be titled 'Public Education'. This is an area in which we have fallen on our collective faces. Other clubs in the area have set up booths at fairs and the like and have done a good job of educating the public as to what amateur radio is all about. This is the FIRST

TIME such an opportunity has been set up and pushed by anyone in the club since its' inception. My personal opinion is that taking part in the Beaverton Good Neighbor Days event could prove to be not only a heck of a lot of fun but a great stride forward in efforts to gain credit from the media for services rendered. We do and we do but still end up like the old guy at the grade school with his coveralls and mop. Unnoticed!! It is about time that OTVARC assemble some of the talent we have and put forth a worthwhile effort in educating the public as well as getting some potential new hams into the fold. If we jump on this with some creative thought and enough people to do the job right, nothing but good will be the result. Sound like fun to me! How about you? Al, WB7SIC

RAT-A-TAT-TAT

CLUB PICNIC: Not a lot of people but great fun and super weather. Some heavy duty fishing was tried and Terry, WB7CHK, claimed he caught a keeper but threw it back. Greg, W7AGQ, caught one that was actually longer & fatter than the lure. A few 4 wheel drive safaris were undertaken and the kids, young and old, got a kick out of it. Wes, K7WWG, suppressed some natural instincts and let the kids get most of the money out of the straw pile before diving in himself. Steve Das, N4BOS, our club member from Lake Jackson Texas, came the farthest to attend. Round trip mileage? 4800 miles.

WANTED: Bob Orr, KB7CC, is looking for a good used Kenwood TR7400. Any information on the whereabouts of a good rig would be appreciated. Thanks.

TO BORROW: Susan, N7EPE, and I, WB7SIC, need the loan of a Kodak Carousel projector to set up our program covering our trip to Belize. The aim is to show the program at the December meeting but neither of us has access to a projector. We have the trays, the pics and the desire. NO PROJECTOR....